

[J9] MAZAK 312501 - SPINDEL

Sample No: FCH0000061

Oil Type: FUCHS RENOLIN ZAF B 2 HT ZINC FREE

SAMPLE INFORMATION

Sample Number	FCH0000061	---	---	---
Sample Date	28 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

DANA - FAIRFIELD CUSTOM GEARS AND DRIVES
 2400 SAGAMORE PKWY S #2400
 LAFAYETTE, IN
 US 47905
 Contact: Service Manager

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	2.65	---	---	---
Acid Number (AN)	mg KOH/g	0.227	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	< 1	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---

WEAR METALS

Iron	ppm	14	---	---	---
Copper	ppm	▲ 118	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	< 1	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	▲ 100	---	---	---
Phosphorus	ppm	168	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The amount and size of particulates present in the system are acceptable. Zinc level above manufacturer's recommendations. Confirm oil type. The AN level is acceptable for this fluid.

Depot: UC DANLAF
Unique No: 10966690
Signed: Doug Bogart
Report Date: 10 Apr 2024

GRAPHS

